

**A METHOD AND SYSTEM FOR CONFIGURING PROCESSING ENTITIES ACCORDING
TO THEIR ROLES IN A DATA PROCESSING SYSTEM WITH A DISTRIBUTED
ARCHITECTURE**

Abstract

5 A method (300) and a corresponding system are proposed for
configuring different computers of a network. Each computer
plays a specific physic role (defined by an architecture of the
network) and/or a specific logic role (defined by the
applications running in the network). A reference model and a
10 transition table are associated (306-312) with each product to
be installed in the network; the reference model specifies a
target configuration for each role (defined by the components of
the product to be installed), while the transition table
specifies the actions required to reach each target
15 configuration from each current configuration of the computers.
A server identifies (330-336) the role and the current
configuration of each computer; the actions required to enforce
the desired target configuration on the computer are then
established and executed (333,339-366).

20 FIGURES 3A-3B